

Stormwater Management SUMMATION & ISSUES

November 18, 2002



Summation

- The described program enables the County to meet mandated permit requirements in the “urban area” of the County through December 2007. (“Urban area” for permit purposes is essentially the “Suburban Policy Area” depicted in the General Plan.)
- Stormwater management staff activities required by the permit can be accomplished through December 2007 without additional personnel authorizations.
- The currently budgeted Stormwater Management CIP project is sufficient to fund development and execution of specific activities within the six minimum control measures through December 2007.



Summation

- In addition to funding the basic stormwater management program, approximately \$250,000 will be available annually in the CIP to meet mandated stormwater maintenance requirements for infrastructure placed in service after December 9, 2002 (the effective date of the initial 5 year permit term) and to provide some limited capability to address urgent stormwater maintenance needs Countywide.
- As part of the basic stormwater management program, the County must develop a program to detect and eliminate illicit discharges that may be discovered by periodic inspection of regulated stormwater outfalls or by citizen identification. In addition, the County must establish an ordinance to provide for elimination of illicit discharges to the storm sewer system



Issues

- The proposed Stormwater Management Program does not address long term aspects of maintaining the Countywide stormwater infrastructure placed in service prior to Dec. 2002.
- The stormwater management program developed to satisfy current permit requirements is only the first step in meeting the intent of the Comprehensive General Plan to establish maintenance and other programs to mitigate the impact of polluted stormwater runoff on the County's rivers and streams. Proper operation and maintenance of stormwater infrastructure plays a central role in the mitigation of stormwater pollution.
- It is anticipated that permit renewal requirements for the next 5 year permit cycle, after December 2007, will impose more stringent maintenance requirements on existing County stormwater infrastructure.



Issues

- 9 VAC 25-750-10 et seq - (VPDES Phase II Stormwater Permit Regulation) places long-term operation and maintenance responsibility for new and redeveloped facilities constructed after December 2002 on the owner of the storm sewer system.
- Recorded easements for stormwater infrastructure establish the County as the owner of the storm sewer systems constructed therein and allow for the County to assume maintenance responsibility at its discretion.
- To ensure uniformity of service Countywide, and to provide adequate upkeep and maintenance to support the reduction in polluted stormwater discharge into the County's rivers and streams, it may be in the best interest of the County to consider assuming total stormwater infrastructure maintenance responsibility over time.



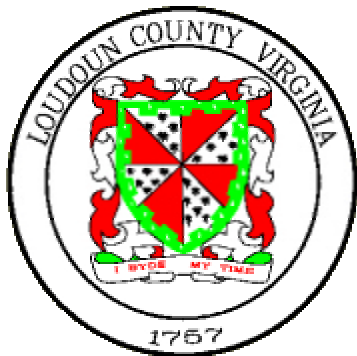
Issues

- The physical survey currently being conducted by the Department of General Services to locate and assess the condition of the stormwater infrastructure in the Suburban Policy Area will be completed by the summer of 2003 and will provide a basis for estimating costs associated with a comprehensive, Countywide stormwater maintenance program.
- It is suggested that the County begin to develop a comprehensive Countywide stormwater management program, including infrastructure maintenance, and to investigate and develop candidate funding mechanisms for BOS consideration with a view toward placing an effective and affordable program into service no later than December 2007.



Actions

- Staff submit action item to F/GS Committee on December 2 to request approval of the stormwater management program developed to satisfy VPDES Phase II permit requirements.
- F/GS Committee submit action item to BOS on December 16 requesting approval of the stormwater management program developed to satisfy VPDES Phase II permit requirements.
- Submit the required “Certificate of Registration” to VDEQ no later than March 10, 2003 and execute the included NPDES Phase II stormwater management program over the 5 year permit period.
- Develop a comprehensive, Countywide storm water management program for implementation no later than December 2007



COMMENTS / QUESTIONS